



FACULTY OF SCIENCE
Charles University

 **Metrohm**
Česká republika

 **J. Heyrovský Institute
of Physical Chemistry**

 **EuChemS**
European Chemical Society
— Division of Analytical Chemistry —



**Charles University, Faculty of Science
Department of Analytical Chemistry
&
Hebrew University of Jerusalem,
Institute of Chemistry**

invite you for on-line webinar

**What's new in electroanalytical
chemistry?**

**in the framework of
Strategic cooperation project
between the two institutions**

Wednesday, November 18, 2020 at 10.00 a.m.

meet.google.com/ekw-wuho-ztp

See program on the next page

**Prof. RNDr. Jiří Barek, CSc.
President
Division of Analytical Chemistry
Czech Chemical Society**

**Prof. Dr. Daniel Mandler, PhD.
Hebrew University of Jerusalem
Institute of Chemistry**

Program

10,00-10,30 Simona Baluchova (Charles University): Porous boron-doped diamond based materials: Influence of the number of deposited layers on (bio)sensing properties

10,30-11,00 Linoy Dery (Hebrew University of Jerusalem): Detection of non-conductive nanoparticles in the gas and liquid phase

11,00-11,30 Barbora Jiraskova (Charles University): Miniaturization of carbon nanotube flow-through cell

11,30-12,00 Din Zelikovich (Hebrew University of Jerusalem): Shell-matrix interactions in nanoparticles imprinting matrices (NAIMs)

12,00-12,30 Gajdar Julius (Charles University): Voltammetric determination of 4-nitrophenol in microvolumes using retractable-pen-based renewable silver amalgam film electrode

12,30-13,00 Cofee break

13,00-13,30 Michal Augustin (Charles University): Comparison of the pyrolytic graphite representatives in a construction of the hybrid electrochemical DNA biosensors for monitoring DNA

13,30-14,00 Nufar Allouche (Hebrew University of Jerusalem): Carbon nanotubes based membrane electrode in a flow-through System for water micropollutants detection

14,00-14,30 Pavel Dvorak (Charles University): Combination of headspace liquid acceptor system and square-wave voltammetry on screen-printed carbon electrodes

14,30-15,00 Sofiia Tvorynska (Charles University): Comparison of the covalent glucose oxidase and laccase immobilization at amino- and carboxyl-functionalized powdered supports for optimal preparation of the flow biosensors based on the enzymatic mini-reactors